

QUESTION 2024





GRADE 9 & 10

VIBRANT YOUNGSTERS

Time Allowed: 90 Minutes

Maximum Marks: 90

WRITTEN DIRECTIONS FOR THE CONTEST

- Wait till the invigilator gives the all-clear before beginning the contest. 1)
- Examine your name, father's name, school name, address, and other 2) details one last time on the bubble sheet and answer page.
- Only record your responses on the bubble sheet. Choose the best 3) response from the four alternatives provided, and only one option should be marked per question.
- Fill in the circles on the bubble sheet with blue or black ink; lead pencils 4) are not permitted.
- It is completely forbidden to use any kind of assistance, including cell 5) phones and technological devices.
- Three points are awarded for each right response. Negative marking 6) would occur. A single point would be subtracted for each wrong response.
- No justification may be given for an unaccompanied candidate to leave 7) the examination room, including to use the restroom.
- No objects, including electrical devices, are allowed within the room. 8)
- The competition is divided into the following five categories: 9)
 - Vibrant youngsters Grade 1 & 2 A)
 - Vibrant youngsters Grade 3 & 4 B)
 - Vibrant youngsters Grade 5 & 6 C)
 - Vibrant youngsters Grade 7&8 D)
 - Vibrant youngsters Grade 9 & 10 / 0-levels E)
- 10) The contest is only open to enrolled students.
- No candidate may remove any provided materials, including answer 11) books, from the hall, even if they are partially filled in or utilized.
- 12) Neither the examiner nor the invigilator may respond if a participant does not understand a word or phrase on the exam paper.
- Please visit www.fspcompetitions.org to learn about future competitions 13) or to offer insightful comments.
- Vibrant youngsters FSP must receive reports of any academic 14) misconduct or malpractice at info@fspcompetitions.org.

The Last Hope of the Nuvolish

In a world where the language of Nuvolish had been forgotten, a young apprentice named Eira stumbled upon an ancient text hidden deep within the ruins of a mystical library. The worn leather book was adorned with strange symbols that seemed to shimmer in the dim light.

As Eira delicately opened the cover, the air around her began to vibrate with an otherworldly energy. The pages, yellowed with age, revealed the secrets of Nuvolish, a language thought to be extinct

With each turned page, Eira felt an intense connection to the language, as if the words themselves were awakening a part of her soul. She spent hours pouring over the text, mesmerized by the beauty and power of Nuvolish.

Suddenly, a faint hum filled the air, and the symbols on the pages began to glow. Eira felt a strange sensation, as if she were being summoned by an unseen force. The room started to spin, and she was enveloped by a blinding light.

When the light faded, Eira found herself standing at the edge of a precipice, overlooking a desolate wasteland. A figure cloaked in shadows approached her, its presence both ominous and mysterious.

"You have been chosen to revive the language of Nuvolish," the figure declared, its voice like the whisper of the wind. "The world is dying, and only the power of Nuvolish can restore the balance."

Eira, both thrilled and terrified, accepted the challenge. With the ancient text as her guide, she embarked on a perilous guest to rediscover the lost art of Nuvolish.

she journeved across treacherous landscapes encountered formidable foes, Eira discovered that the language was more than just words - it was a key to unlocking the secrets of the universe.

With each step, the power of Nuvolish grew within her, illuminating the path ahead. Eira's determination ignited a beacon of hope in a world on the brink of collapse.

And so, the last hope of Nuvolish rested on Eira's shoulders, as she strove to revive the language and restore the balance of the universe

Q-1. What did Eira stumble upon in the ruins of a mystical library?

- An ancient text
- B A magical artifact
- A hidden chamber
- A mysterious creature

Q-2. What was the language of Nuvolish thought to be?

- A Extinct
- **B** Forgotten
- **(A)** Lost Ancient

Q-3. What happened when Eira opened the ancient text?

- A The air vibrated with energy
- B The pages began to glow
- C The room started to spin
- All of the above

Q-4. What did Eira feel as she read the ancient text?

- A connection to the language
- **B** A sense of fear
- A feeling of confusion
- A sense of boredom

Q-5. What was Eira summoned to do?

- Revive the language of Nuvolish
- B Destroy the ancient text
- © Explore the mystical library
- Meet the figure cloaked in shadows

Q-6. What was the figure cloaked in shadows like?

- A Ominous and mysterious
- B Friendly and welcoming
- Tall and imposing
- Short and petite

Q-7. What was the world like when Eira accepted the challenge?

- A Thriving and prosperous
- B Dying and collapsing
- Peaceful and serene
- Chaotic and tumultuous

Q-8. What did Eira discover about the language of Nuvolish?

- A It was just a bunch of words
- B It held secrets of the universe
- C It was only for magic

It was extinct

Q-9. What grew within Eira as she journeyed?

- A Fear and doubt
- The power of Nuvolish
- Her physical strength
- Her magical abilities

Q-10. What did Eira's determination ignite?

- A beacon of hope A
- A sense of despair B
- A feeling of frustration C
- A wave of fear D

Q-11 What was the last hope of Nuvolish resting on?

- A Eira's shoulders
- The figure's shoulders B
- The ancient text **C**
- The mystical library

Q-12. What was Eira's quest to rediscover?

- The lost art of Nuvolish
- The secrets of the universe
- C The mystical library
- The figure's identity

Q-13. What landscapes did Eira journey across?

- A Treacherous and formidable
- Peaceful and serene
- Chaotic and tumultuous
- Beautiful and vibrant

Q-14. What foes did Eira encounter?

- A Formidable and powerful
- R Weak and feeble
- C Magical and mysterious
- Friendly and welcoming

Q-15. What was the ultimate goal of Eira's guest?

- A To revive the language of Nuvolish
- To destroy the ancient text
- **C** To explore the mystical library
- To meet the figure cloaked in shadows

Q-16. Read the following passage and answer the below given question.

Acadia Park

Located on Mount Desert Island in Maine. Acadia Park is a stunning national park that showcases the natural beauty of the Pine Tree State. With its rugged coastline, mountains, and forests, Acadia Park is a haven for outdoor enthusiasts and nature lovers. Acadia Park was established in 1916 as Sieur de Monts National Monument, and later renamed Lafavette National Park in 1919. In 1929, it was renamed Acadia National Park to better reflect its geographic location.

What is the main, or central, idea of the passage?

- A Acadia Park is a national park located in California.
- B Acadia Park is a national park located on Mount Desert Island in Maine, known for its natural beauty and outdoor recreational opportunities.
- **(** Acadia Park is a national park located in Florida, known for its beaches and theme parks.
- Acadia Park is a national park located in Alaska, known for its glaciers and wildlife.

Q-17. Which narrative point of view is shown in the passage?

Acadia Park has a rich and diverse human history that spans over 5,000 years. The park's earliest inhabitants were the Wabanaki people, a confederacy of Native American tribes that included the Mi'kmag, Maliseet, Passamaguoddy, and Penobscot. These indigenous peoples thrived on Mount Desert Island, utilizing the area's natural resources for hunting, gathering, and fishing. In the early 1600s, European explorers arrived, and the park's history became intertwined with that of the Acadian people, who were forcibly removed from the area in the mid-1700s. In the 19th century, the park became a popular destination for wealthy Americans, who built grand summer estates and hotels. Today, Acadia Park continues to be a place of significance for many people, including the Wabanaki Nation, who still consider the area their ancestral homeland. The park's human history is a complex and multifaceted narrative that is still being written today.

- A First person
- B Third person limited
- C Objective
- Subjective D

Q-18. Read the following excerpt and answer the below given guestion.

James Madison (1751 1836) was the fourth President of the United States, serving from 1809 to 1817. first inaugural address, delivered on March 4, 1809:

Fellow citizens

The will of the people has placed me in this elevated station, and I am bound to discharge its duties to the best of my abilities. In fulfilling this trust, I shall always be guided by the principles of justice, liberty, and conciliation.

To the people of the United States, I owe the highest duty, and I shall constantly bear in mind that the safety and prosperity of our beloved country are the sole objects of my administration.

In a nation like ours, where the people are the sole fountain of power, it is most important that they should be instructed in the art of self-government.

Let us then, my fellow citizens, unite in the pursuit of a policy which shall lead us to the consummation of these great objects: peace, prosperity, and the perpetuation of our liberty.

Let us avoid the extremes of party spirit, and adhere to the middle ground, where we may find the wisdom and the virtue of our country.

With these principles in view, I enter upon the duties of this high office, and I am confident that the wisdom and patriotism of the people will support me in the endeavors to promote the general welfare."

James Madison, often referred to as the "Father of the Constitution," served as the fourth President of the United States from 1809 to 1817.

Based on the excerpt, what is the purpose of James Madison's speech?

- A To announce his candidacy for president
- **B** To emphasize the importance of unity, justice, liberty, and conciliation in his administration
- © To declare war on a neighboring country
- To promote his political party

Q-19. Read the following memo and answer the below given guestion.

MEMORANDUM

To: My fellow Americans

From: Gerald B. Ford Date: August 9, 1974

Subject: My Commitment to Transparency and Integrity

My fellow Americans,

As I take the oath of office today, I want to assure you that I am committed to the highest standards of transparency and integrity in my administration. The recent scandals and controversies have shaken the trust of the American people, and it is my duty to restore that trust.

I promise to be honest and forthright in all my dealings, and to always put the interests of the nation above personal or political gain. I will work tirelessly to ensure that our government is accountable to the people, and that we always operate with the highest level of ethics and integrity.

I know that the road ahead will be challenging, but I am confident that together, we can rebuild trust and create a better future for ourselves and for generations to come.

With sincerity and determination,

Gerald R. Ford

What is the main purpose of Gerald R. Ford's memo?

- To announce his candidacy for president A
- To assure the American people of his commitment to B transparency and integrity
- **(C)** To declare war on a neighboring country
- To promote his political party

Q-20. Read the following notice and answer the below given question.

IMPORTANT NOTICE

To: All Target Guests and Team Members

From: Brian Cornell, CEO

Date: October 28, 2024

Subject: Exciting Changes Coming to Target!

We're thrilled to announce several exciting changes coming to Target!

- *New Store Experience: We're remodeling our stores to make shopping easier and more fun!
- *Expanded Online Services: We're growing our e-commerce capabilities to serve you better!
- *Same-Day Delivery & Curbside Pickup: Get your purchases faster and more conveniently!
- *New Brands & Products: We're introducing fresh brands and products to delight you!

These changes are designed to make Target your go to shopping destination. We're committed to delivering an exceptional shopping experience for all!

Stay tuned for more updates and thank you for choosing Target! Sincerely,

Brian Cornell

CEO, Target Corporation

What is one of the changes mentioned in the notice?

- A Reducing store hours
- **B** Expanding online services
- Closing stores
- Increasing prices

Q-21. What is the tone of the youth text?

Youthful energy and a passion for storytelling define Nicole Mitchell, a rising star in the journalism world, who has quickly made a name for herself at Al Jazeera America with her incisive reporting and engaging on-air presence.

- A Critical and negative
- **B** Neutral and objective
- C Positive and celebratory
- Sarcastic and humorous

Q-22. The main purpose of two related concepts is to show a relationship or connection between them, often to highlight a contrast, similarity, or cause and-effect relationship.

What is the main purpose of two related concepts?

- A To list items
- **B** To show a relationship or connection
- C To define a single concept
- To provide a conclusion

Q-23. He cools breeze was _____ after spending hours in the scorching sun.

- A Boiling
- B Refreshing
- C Scorching
- Freezing

Q-24. Read the following passage and answer the below given question.

- The fire alarm caused an uproar in the building, leading to a hasty evacuation.
- The surprise announcement sparked an uproar among the shareholders, who were caught off guard.
- The controversial speaker's remarks created an uproar in the audience, with some people shouting in protest.

What was the result of the fire alarm causing an uproar in the building?

- A The building was evacuated guickly
- B The building was evacuated slowly
- **C** The fire spread quickly
- The fire was put out quickly

Q-25. What is the relationship between the Latin word "nefas" and the English word "nefarious"?

- "Nefas" means good, and "nefarious" means bad. A
- "Nefas" means bad, and "nefarious" means good. B
- "Nefas" means immoral act, and "nefarious" means wicked C or evil.
- "Nefas" means moral act, and "nefarious" means virtuous.

Q-26. 1. What is the main concern about legalizing gambling on sports events?

- A Increased revenue
- B Improved athlete performance
- (Decreased fan engagement
- Loss of public trust and integrity

Read the following paragraph and answer the questions 27 through 30.

"The Antioxidant Power of **Blueberries**"

Blueberries are a rich source of antioxidants, specifically polyphenols and flavonoids, which play a crucial role in protecting the body against free radicals and oxidative stress. Anthocyanins, a type of flavonoid, are responsible for the deep blue color of blueberries and have been shown to have powerful antioxidant properties. Additionally, blueberries contain other flavonoids like quercetin, catechin, and cyanidin, as well as polyphenols like gallic acid, ellagic acid, and caffeic acid. These antioxidants work together to neutralize harmful free radicals, which can damage cells and contribute to aging and diseases. By consuming blueberries, individuals can boost their antioxidant intake and potentially reduce their risk of chronic diseases like heart disease, cognitive decline, and certain cancers. Overall, blueberries are an excellent addition to a healthy diet and lifestyle, providing a delicious and nutritious way to support overall well-being.

Q-27. What is the primary benefit of consuming blueberries?

- Improving cardiovascular health
- B Boosting antioxidant intake
- C Supporting cognitive function
- Aiding in weight loss

Q-28. Which of the following is a type of flavonoid found in hlueherries?

- A Gallic acid
- Ouercetin
- Anthocyanin
- Caffeic acid

Q-29. What is the result of free radicals damaging cells?

- A Aging and diseases
- B Improved cognitive function
- Increased energy levels
- Enhanced immune system

Q-30. How can consuming blueberries potentially reduce the risk of chronic diseases?

- A By increasing physical activity
- By reducing sugar consumption
- By quitting smoking
- By boosting antioxidant intake

EDUCATIONAL LEADERSHIP

AWARDS 2024 FSP Science

INTERNATIONAL FSP CONTESTS

Contest

Inst Head Name	Job Title	Institution Name	City
Ms. Uzma Qureshi	Headmist ress	The Academy Defence View Campus	Karachi
Ms. Fouzia Saeed	Principal	Fauji Foundation Schoolquetta-1	Quetta
Lt Col (Retd) Muhammad Tahir Rasool	Principal	Fauji Foundation School - Kamalabad Campus	Rawalpindi
Ms. Naureen Amin	Principal	lu School System - Shahrah E Pakistan Campus	Karachi
Dr. Rukhshanda Jabeen	Principal	Dhacss Seaview Campus	Karachi
Mrs. Raheema Sarfraz	Principal	Aps Seven Streams Quetta Cantt	Quetta
Ms. Hina Arshad	Principal	Future World School And College	Karachi
Ms. Saima Lone	Principal	Beaconhouse Defence Ring Road Campus	Lahore

Ms. Farzana Saeed	Principal	Ngs - Askari 11	Lahore
Mr. Muhammad Zaman Cheema	Principal	District Public School & College Hafizabad	Hafizabad
Ms. Waseem Ahmed	Principal	Sona Public School & College Mpm	Mirpur Mathelo
Col. Ibraheem	Principal	Fauji Foundation School Bagh	Bagh
Ms. Misbah Qamar	Principal	The City School - Ravi Campus	Lahore
Ms. Tahira Irum	Principal	Army Public School and College	Rawalpindi
Ms. Nisha Mir	Principal	Bloomfield Hall School Mirpur Azad Kashmir	Mirpur
Lt. Col (R) Allah Yar Khan	Principal	Faujifoundation College Westridge Rawalpindi	Rawalpindi
Professor Fatima Mobeen	Principal	Islamabad Model College for Girls	Islamabad
Ms. Sana Farrukh	Principal	The Noor School	Gujranwala
Ms. Misbah			
Qamar	Principal	The City School	Lahore
	Principal Principal	The City School Fauji Foundation College Choa Saiden Shah	Lahore Choa Saiden Shah
Qamar Col Rana Nisar	·	Fauji Foundation College	Choa Saiden
Qamar Col Rana Nisar Ahmed Shahen Col Akram	Principal	Fauji Foundation College Choa Saiden Shah Fauji Foundation College	Choa Saiden Shah
Qamar Col Rana Nisar Ahmed Shahen Col Akram Anjum Ms. Esmatara	Principal Principal	Fauji Foundation College Choa Saiden Shah Fauji Foundation College Morgah Campus Happy Palace Grammar	Choa Saiden Shah Rawalpindi
Qamar Col Rana Nisar Ahmed Shahen Col Akram Anjum Ms. Esmatara Khawar Mrs. Salma	Principal Principal Principal	Fauji Foundation College Choa Saiden Shah Fauji Foundation College Morgah Campus Happy Palace Grammar School Aps&C (G) Cantt Public Higher Secondary School for Girls	Choa Saiden Shah Rawalpindi Karachi
Qamar Col Rana Nisar Ahmed Shahen Col Akram Anjum Ms. Esmatara Khawar Mrs. Salma Mubashar Mrs. Shagufta	Principal Principal Principal	Fauji Foundation College Choa Saiden Shah Fauji Foundation College Morgah Campus Happy Palace Grammar School Aps&C (G) Cantt Public Higher	Choa Saiden Shah Rawalpindi Karachi Islamabad
Qamar Col Rana Nisar Ahmed Shahen Col Akram Anjum Ms. Esmatara Khawar Mrs. Salma Mubashar Mrs. Shagufta Adil Qazi Col. Muhammad	Principal Principal Principal Principal Principal	Fauji Foundation College Choa Saiden Shah Fauji Foundation College Morgah Campus Happy Palace Grammar School Aps&C (G) Cantt Public Higher Secondary School for Girls Fauji Foundation School -	Choa Saiden Shah Rawalpindi Karachi Islamabad Lahore

ANSWER SHEET

GRADE 9 & 10

O.NO ANSWER

- (C) (D) (B)
- (B) (\mathbb{C}) (D)
- 3 (B) (\mathbb{C})
- (B) (\mathbb{C})
- (B) (\mathbb{C}) (D)5
- (B) (C) (D)6
- 7
- (D)8
- (D)9
- (B) 10 (C)
- (B) (D)(C)
- (B) (C) (D)
- (B) (\mathbb{C}) (D)13
- **(B)** (\mathbb{C}) (D)14
- (B) (C) 15

ANSWER $O_{-}NO_{-}$

- 16 (C)
- 17 (B)
- 18
- 19
- (C) 20
- (B) 21
- (\mathbb{C}) 22
- (C) (D)23
- **(B)** (\mathbb{C}) (D)24
- (B) 25
- (B) (\mathbb{C}) 26
- 27
- (B) 28
- **(B)** (\mathbb{C}) 29
- (B) 30 (\mathbb{C})



International FSP **Uibrant Youngsters Contests**



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